

welcome to
BEYOND SMART CITIES

SUSTAINABLE CLASSROOM SPECIALIST SCS CERTIFICATE

**ONLINE PROFESSIONAL COURSES LED BY THE
WORLD'S TOP SPECIALISTS**

ONLINE TRAINING BY KRISHNAJI PAWAR

LEED AP(BD+C), GSAS CGP, GCP, ISO 14001

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MODULE
22

Summary and Resources

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Learning Objectives

- Introduction
- Getting Started with Sustainable Building
- What Does a Successful Green School Look Like?
- The DNA of Whole School Sustainability
- Teaching projects and problem-based learning
- Green School Management, Aesthetics, and Efficiency
- Design Principles for Whole School Sustainability
- Policy, Safety, and Diversity, Equity, and Inclusion in Green Schools
- Green Building Basics and Cost Benefits
- Healthy Ecosystems for Learning



SUMMARY

- Promoting School Health and Environmental Responsibility: The SCS program aims to instill a culture of health and environmental stewardship in schools. This includes educating teachers about the importance of clean air, safe drinking water, and well-maintained outdoor spaces.
- Creating an Ideal Physical Environment for Student Academic Development: The SCS program emphasizes the design of classroom spaces that are conducive to learning, including natural lighting, proper ventilation, and the use of sustainable materials.
- Reducing Environmental Absenteeism: The SCS program aims to identify and mitigate environmental factors that contribute to student absenteeism, such as poor air quality or inadequate facilities.

Learning Objectives

- Green school buildings are dynamic learning environments.
- Operations and Maintenance for Whole School Sustainability
- Meaningful, purposeful, and engaging learning
- Sustainable Spaces and Smart Transportation
- Energy Efficiency - Lighting
- Energy Efficiency - Plug Loads & HVAC Systems
- Water Efficiency and Quality
- Indoor Environment: Air Quality and Acoustics
- Smart Cleaning & Integrative Pest Management
- Materials and Resources
- Emerging Design and Technology
- Summary and Resources
- SCS Quiz: Test Your Knowledge!

SUMMARY

- Encouraging Environmentally Conscious Practices: The SCS certificate encourages educators to model and promote environmentally responsible behaviors among students. This can manifest in various forms such as implementing recycling programs, encouraging the use of reusable materials, or organizing community clean-up events.
- Connecting Green Practices to the Classroom Curriculum: The SCS program advocates for cross-curricular connections where subjects such as science, social studies, and art incorporate themes of sustainability.
- Encouraging Respect for Sustainable Methods: The SCS certificate fosters respect for sustainable methods through experiential learning opportunities.

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- Complementing Environmentally Friendly Schools and Communities: The SCS program emphasizes the symbiotic relationship between schools and their surrounding communities.
- Teaching Projects and Problem-Based Learning: The SCS certificate promotes PBL projects centered on sustainability themes, such as water conservation or waste reduction.
- Design Principles for Whole-School Sustainability: The SCS program outlines design principles that advocate for a systemic approach to sustainability.



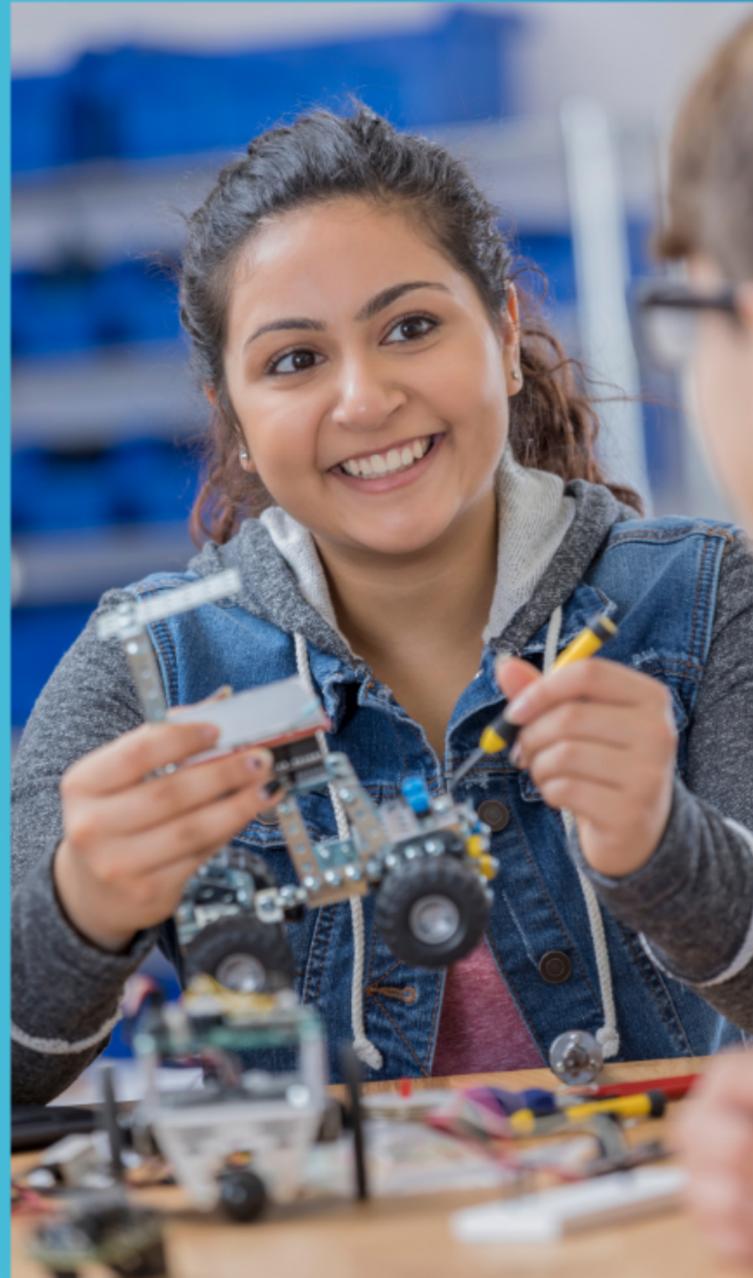
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- Focusing on Healthy Ecosystems for Learning: The SCS curriculum emphasizes the importance of biodiversity, ecosystem services, and the interdependence of living organisms.
- Identifying Potential Professional Development Opportunities: The SCS program encourages educators to seek ongoing professional development in sustainability education.
- Supporting Environmentally Responsible Practices by Saving Energy and Water: The SCS program teaches strategies for reducing energy and water consumption within schools.





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- Encouraging Appreciation for Environmentally Sustainable Practices: The SCS program aims to instill a sense of appreciation for environmentally sustainable practices among students.
- Applying for Elective Continuing Education Credits: The SCS program provides pathways for educators to earn continuing education credits through elective courses focused on sustainability.



WELCOME TO BEYOND SMART CITIES

Our purpose is to create a sustainable future by offering high-performance, value-added solutions to environmental, mobility, and digital concerns, with the goal of benefiting both current and future generations by restoring community value.

“Any fool can make things bigger, more complex, and more violent. It takes a touch of genius – and a lot of courage – to move in the opposite direction.”
- Albert Einstein



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THANK YOU

